

**A. PROJECT TITLE AND PROJECT PURPOSE - Project Title-** Rialto's Climate Resilience Planning to Ensure a Safe Water Supply (RCRP-ESWS). **Summary Description of Project** (including project goals) - The RCRP-ESWS project Principle Investigator will serve to conduct and promote and coordinate research, investigations, training, surveys, and studies (including monitoring) relating to the causes, effects, extent, prevention, reduction, and elimination of water or access to safe water. The RCRP-ESWS's PI will utilize 'Summary Considerations' provided by the Technical Assistance Services for Communities (TASC) to create a community plan and conduct a Technical Assistance Needs Assessment (TANA) that educates residents of the City of Rialto regarding current water quality issues and what the EPA and local government are doing to ensure a safe, local water supply and how each resident can participate. The plan will support efforts currently under way that addresses the City of Rialto's Rockets, Fireworks, and Flares Superfund Site (RFF Site) and it will include strategies to address climate change vulnerabilities and ensure that residents are involved in the preparation of deployed strategies and are prepared for potential climate changes that may affect the local water supply in order to increase community resiliency. **Project Location** - The project outreach, education, and forums will take place in the City of Rialto, California; specifically, it will cover zip codes 92376. **Identified Related Environmental Statute(s)** - The environmental statutes that are related to the RCRP-ESWS project are: 1) Clean Water Act, Section 104(b) (3) and 2) Safe Drinking Water Act, Section 1442I (3). **Project's Community Climate Resiliency Focus** - The community climate resiliency focus will address the areas current environmental justice concerns related to clean and safe water. This will include *1*) educational community forums that teach and demonstrate local strategies to protect Rialto's water supply in relation to the Safe Drinking Water Act; and *2*) educating community leaders about local efforts to improve water use efficiency, and planning for alternative water sources (in the event of an emergency, or climate changes that could affect the local water supply) in relation to the Clean Water Act. 'Resiliency Training' will be provided that equips residents with information on what to do in the event of an emergency and educates residents on preventative environmental and public health behaviors that can be adopted to prevent or minimize the impact of change

**B. ENVIRONMENTAL, PUBLIC HEALTH AND COMMUNITY CLIMATE RESILIENCY; INFORMATION ABOUT THE AFFECTED COMMUNITY** - Local environmental, public health and climate resiliency issue(s) - The City of Rialto (City) and the West Valley Water District (District) have combined efforts to clean up groundwater contamination located several hundred feet underground while also constructing a groundwater wellhead treatment system capable of restoring water resources in the area to their full capacity. As a result, the District and the City worked together towards the installation of a wellhead treatment system and the return of two of the Production wells to service. While this project is not designed to completely remove all of the underground contamination in the Rialto Colton Basin, by pumping and then treating contaminated groundwater from the two production wells, the project has provided some removal of contaminant mass. Further, the RCRP-ESWS project will provide education surrounding other groundwater cleanup efforts in the vicinity. In particular, a 160-acre site located on the corner of West Casa Grande Drive and Locust Avenue in Rialto that was previously identified by the United States Environmental Protection Agency as a Superfund site. Cleanup activities at the 160-acre site are focusing on remediating the sources of contamination. This project is being undertaken with the support of the California

Department of Public Health and the Santa Ana Regional Water Quality Control Board. Chemical Contaminants that have been found in local groundwater in recent years include perchlorate, trichloroethene (TCE), and nitrate. Drinking water supplied to West Valley Water District 1981-1988 may have contained TCE/perchlorate; however, data could not confirm or determine if levels were harmful to resident's health and/or if the perchlorate level was high enough to modestly impair iodine absorption by thyroid and thus affect thyroid hormones.

**Project results achieved, resulting from efforts to address the local environmental, public health and climate resiliency issues(s)** - include the City and District creating and executing a planning process under the National Contingency Plan. This process included the preparation of several documents: Remedial Investigation (RI) Summary Report; Human Health Risk Assessment; Feasibility Study Report; and a Proposed Plan. The RI Summary Report characterized groundwater and site conditions based on existing information. The Human Health Risk Assessment identified the baseline for potential risks to human health from domestic use of untreated water from the two wells a Feasibility Study Report conveys possible remedial alternatives to the planned approach. The TASC provided needed insight and proposed 'next step' activities that will support project efforts. These steps include engaging additional stakeholders in the conversation regarding the City's efforts and gathering additional site background information and using TASC's Technical Assistance Needs Assessment to further ensure project impact. Work plans have been completed that direct the approach for the project. In addition, the District and City prepared an application for a drinking water permit from the Department of Public Health. The permit now demonstrates that the treated water from the wellhead facility meets drinking water standards applicable for potable water. The Department of Public Health required a demonstration period for the system to confirm the reliability of the treatment system. In addition, the City, the National Resource Development Council –Local Government (NRDC-LG) (of which TCU serves as primary member) and the District have been actively pursuing state and federal funds, and with the co-operation of the local Regional Water Quality Control Board, the California Department of Public Health, and the Federal Department of Defense Environmental Security Technology Certification Program to build needed systems and to educate, empower and equip area residents.

**The characteristics of the affected community-**

Geographic Location - The City of Rialto is located in the State of California, San Bernardino County. The City has a total area of 22.4 square miles of land with .06% water and is located on the western front of the San Gabriel Mountains of the County of San Bernardino, in Southern California.

Demographics- The City of Rialto is made up of approximately 101,740 residents (2012) that reflect 44% White, 16% African American, 1% Native American, 2.5% Asian, and .4% Pacific Islanders with 67.% being Hispanic or Latino of any race. The median age is 28.3 with 27,203 housing units with a 64.7% owner-occupancy rate. Children under the age of 18 make up 21.7% of the total population, and seniors over the age of 65 make up 9.7% of the total population of Rialto. These are the residents that are most susceptible to problems associated with contaminated drinking water, and water supply shortages that occur due to climate changes (such as drought, global warming, changing storm patterns, fires in the foothills, etc.). The City of Rialto is also known as 'Bridge City' as it features a cooler version of a Mediterranean climate. The particularly arid climate during summer prevents troposphere clouds from forming. Rialto gets an average of 16 inches of rain, hail or light snow showers each year; most of this rainfall precipitates in winter.

Community History - the City of Rialto was incorporated in 1911. In 1887, prior to its incorporation, the Santé Fe Railroad built a railroad connector line between San Bernardino and Pasadena, passing through Rialto. This same year

the Semitropical Land and Water Company was formed to organize the purchase and selling of real estate, water, and water rights and privileges that also included, years later, production wells and the installation of wellhead treatment systems. **How the affected community may be disproportionately impacted by the environmental, public health and community climate resiliency harm(s) and risk(s)** - The Water served by the District and the City is safe, and meets state and federal standards; however, the treatment system was determined and being needed after contamination was first detected, and the District and City was charged to remove affected wells from service. With fewer wells, however, less groundwater is available to the agencies to meet peak customer demand. Without coordinated efforts among key stakeholders, TCU and LLU's - Rialto Center for Community Resiliency, area residents will remain uninformed and disempowered in their capacity to address the risks of a contaminated or limited water supply. These limitations can minimize area resident's engagement in the formulation of strategies to improve water use efficiency and planning for alternative water sources (in the event of an emergency, or climate changes that could affect the local water supply). **How the affected community will benefit from the results of the project** - It is anticipated that if the goals of the project are realized, then the community residents will: a) better understand the environmental issues affecting their water supply, b) participate in creating strategies to protect the local water supply from contamination or restriction during potential emergencies (especially those created by climate changes); c) reduce select environmental (public health) factors adversely impacting targeted populations; and d) adopt strategies and behaviors that will improve water use efficiency, planning and use of alternative water sources and make changes to water allocation in relation to the Clean Water Act.

**C. ORGANIZATION'S HISTORICAL CONNECTION TO THE AFFECTED COMMUNITY** **History of involvement with the affected community** - TCU Community Partnership, Inc. (TCU) has been actively involved in communities throughout Southern California and San Bernardino County since its formation in 1998. TCU has been the educational partner with the City of San Bernardino's Employment Training Agency and the City of Banning's Unified School District. TCU has been actively supporting the City of Rialto going on two (2) years. This involvement stemmed from TCU's service as a member of the National Resource Development Council for Local Governments (NRDC-LG). In 2013, TCU became a leading partner in the National Resource Development Council for Local Governments (NRDC-LG) and was instrumental in securing the City of Rialto as one of the Council's e3p3 Model Cities. *The NRDC-LG has strategic partners with varied expertise and focuses on Environmental Sustainability, Economic Development and Equity.* In 2014, TCU and the NRDC-LG selected the City of Rialto to serve as a Model e3p3 City – with a commitment to address environmental sustainability issues (among others) in its community. To this end, TCU has been instrumental in working with the City of Rialto, garnering key support from area universities (including Loma Linda's Center for Community Resiliency and USC's Center for Economic Development) to support its efforts in bringing in needed resources and 'solutions' that address environmental sustainability and equity. **How TCU has worked with the affected community's residents and/or organizations to address local environmental, public health issues and community climate resiliency** - TCU along with the NRDC-LG and LLU-Center for Community Resiliency have proposed to the City of Rialto the establishment of the Rialto Center for Community Resilience, that will: 1) teach and demonstrate local strategies to protect Rialto's water supply in relation to the Safe Drinking Water Act; and 2) educate community leaders about local efforts to

Improve water use efficiency, and planning for alternative water sources (in the event of an emergency, or climate changes that could affect the local water supply) in relation to the Clean Water Act as one of its principal educational programs. This is being done as part of a larger effort by the City of Rialto, the NRDC-LG and TCU in building the cities platform and capacity to effective research, evaluate, outreach, educate and train area residents, leaders and stakeholders on environmental health, sustainability, and justice. **How the residents of the affected community are part of the decision-making process** - The residents of Rialto are included in the e3p3 planning process, which entails three phases of community engagement for each strategy being considered. *The initial phase* - community residents are engaged to provide insight and input towards the selection of a possible strategy(ies). *The second phase* - community residents are engaged to help modify and edit the adopted or selected strategy to meet the needs of the community; and *the third phase*- residents are engaged to participate in piloting the strategy for initial and immediate feedback (towards needed adjustments if warranted) and topics for inclusion in trainings. All engagement comes in the form of community meetings, forums, workshops, and gatherings hosted by the City of Rialto and/or co-hosted by the City of Rialto and the NRDC-LG. To address this project's specific environmental water issues, the community will be engaged in all three phases with sessions being hosted in Rialto's proposed Center for Community Resilience. Representatives from local Community and Faith-based organizations will participate in monthly planning meetings that are designed to create strategies that address local environmental issues. **How the organizations' efforts have increased the community's capacity to address local environmental, public health issues and community climate resiliency** - TCU and the NRDC-LG has developed a project model that upon execution has proven effective in addressing local environmental, public health and community climate resiliency. The model actually immolates EPA's Strong Cities Strong Communities (SC2) design in building 'Solutions Teams' (Industry Experts) to serve in creating road maps supportive in accomplishing desired outcomes. This e3p3 model supports the proposed RCRP-ESWS and its designed capacity to sustain environmental education and preventative platforms within the City. Further, TCU and the NRDC-LG has partnered with the City of Rialto, are Universities and Center for Community Resiliency, City Staff, Site owners, local organizations, area residents, water purveyors, Super JTI Community Partner graduates, and community and faith-based organizations) in implementing the proposed project. **How the organization maintains and sustains an ongoing relationship with the affected community's residents/organizations** - TCU continues to engage area residents in each phase of the identification, adoption and execution of select strategies. TASC and a Community Involvement Plan provides background information on the project, summarizes community concerns that have been noted to date, and describes the process to solicit and understand community concerns through the duration of project planning and implementation. Further, the RCRP-ESWS project plan includes the community educational steps that are being carried out by the City of Rialto as it relates to the clean up the percolate contamination that affected local water supply.

**D. PROJECT DESCRIPTION** - A concise description of the activities the project will undertake during the year to examine and address the environmental and public health issue(s), e.g., training, education/outreach programs, capacity-building efforts, research etc. The RCRP-ESWS project's community plan serves to educate residents of the City of Rialto regarding current water quality issues and what the EPA and local government are doing to ensure a safe, local water supply. The plan also include strategies to address climate change

vulnerabilities to ensure that residents are involved in preparations for potential climate changes that may affect the local water supply in order to increase community resiliency. The first phase of the community education plan will be implemented in a series of 4-6 community forums conducted during the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters of the initial year of the project by TCU Community Partnership (TCU)'s PI, the City of Rialto, and Loma Linda University's Academic Center for Community Resiliency (LLU-AC4CR). The Forums will be held at LLU's co-located 'Rialto Center for Community Resilience'. This center will include interactive public displays that will also be accessible through the City of Rialto's website.

The specific goals of the project include: a) residents having a better understand the environmental issues affecting their water supply, b) residents participating in creating strategies to protect the local water supply from contamination or restriction during potential emergencies (especially those created by climate changes); c) a reduction in select environmental (public health) factors adversely impacting targeted populations; and d) an increase in the adoption of strategies and behaviors among area residents that will improve water use efficiency, planning and use of alternative water sources in relation to the Clean Water Act. To accomplish this the project will serve in: **1)** to organizing the RCRP-ESWS Project Planning Committee to act as a Community Advisory Group, that will meet monthly during the initial quarter of the project period, and then once each quarter through the end of the first year; **2)** to create the community education plan and establish the curriculum and calendar for quarterly community forums; **3)** to establish the Rialto Center for Community Resilience at Rialto's Civic Center, and connect Rialto's website to its public displays; and **4)** to conduct 4-6 community forums that are attended by a minimum of 1,500 community leaders and area residents from the City of Rialto, and local community-based organizations that represent the diverse populations of the community.

**Objective 1A:** Provide 4-6 educational community forums (supported by information provided by the Center for Community Resiliency) that teach and demonstrate local strategies to protect Rialto's water supply in relation to the Safe Drinking Water Act: 70% of the attendees agreeing to adopt at least one learned strategy that supports improvement to the local environmental issues and/or project identified public health issues; and **Objective 1B:** Educate over 1,500 community leaders and residents about local efforts to improve water use efficiency, and planning for alternative water sources (in the event of an emergency, or climate changes that could affect the local water supply) in relation to the Clean Water Act: 85% will convey an increase in knowledge in ways to support the Safe Drinking Water Act and/or the Clean Water Act.

**How the organization's efforts will increase the community's capacity to address local environmental, public health and community climate resiliency (if applicable) issues.**

Design- The project is organized into five (5) specific focus areas itemized herein. The RCRP-ESWS project will achieve project stated objectives by carrying out following supportive activities. The activities during the first year will include:

**Planning:** The local government and community-based organizations participating in e3p3 monthly planning meetings will serve in providing insight toward the design and content presented at each forum and during trainings. In addition the PI in establishing a LLU- 'Rialto Center for Resiliency' that promotes environmental justice and sustainability will carry out efforts. This will include initial meetings with all partners, community residents and leaders.

The planning efforts will serve in highlighting and identifying which aspects of the Safe Drinking and or Clean Water Acts will be highlighted at the various forums and at the Center for Resiliency. This phase will also adopt TASC's recommendations of increasing stakeholder's engagement. TCU and the project PI will seek to identify and contact EPA site teams and State representatives (currently working with the City of Rialto), City staff, Site owners and operators, small businesses adjacent to the site, local residents (including the Hispanic community), local organizations, water purveyors (including West Valley Water District and Veolia Environmental Services), and the Super JTO community partner and graduates.

**Outreach and Education:** Formation of the RCRP-ESWS Project Planning Committee serves to act as a Community Advisory Group that will meet monthly during the initial quarter of the project period, and then once each quarter through the end of the first year to provide and coordinate training and educational sessions for area residents. Educational sessions will serve in ensuring residents are aware of the importance in attending one of the forums and in visiting the newly established Center for Resiliency. Project stakeholders will perform project outreach; this includes area residents and agencies that were engaged during the planning efforts and/or as identified as a current project partner. The City will also promote forums at City sponsored community events and in coordination with the Southern California Association of Governments (SCAG).

**Capacity Building** The engagement of the NRDC-LG e3p3 Solutions Team and Community Forum Meetings (held at least once each quarter during the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters of the initial project period) will serve in building the Capacity of the City of Rialto in accessing needed resources and community partners necessary to sustain program efforts beyond the initial year. The forums will also serve as educational platforms for area residents to learn further about key environmental and public health issues. The platform will address environmental factors that often plague populations that are unable to effectuate meaningful changes without assistance. The disparities and inequalities identified will be addressed by community solutions that are designed to ensure environmental justice for all populations regardless of race, ethnicity, social or economic status, or ability. Topics will include cultural norms and values, rules, regulations, behaviors, policies, and decisions that support sustainable communities and environments where people can interact with confidence that their environment (including the water they drink or have access to) is safe, nurturing, and productive.

**Resiliency Training** TCU's PI, LLU-AC4CR, and the NRDC-LG will conduct quarterly Community Forums (4-6 total) at the project proposed 'LLU-Rialto Center for Community Resilience'. Sessions will educate and engage 1,500 community leaders, residents, and owners in the discussion and strategic planning to mitigate and improve the current water quality issues faced by the City of Rialto. Trainings provided solely by the PI and the NRDC-LG will be ongoing and will use developed concepts that support evidence-based standards of educating community residents and that expands preventative behaviors. Discussions will include environmental impact of area residents that expands integrated transportation, land use, goods movement, public health, green building and more. Discussions will expand existing and new thoughts surrounding new pathways for environmental protection, resiliency and stability and ultimately reduce select environmental (public health) factors adversely impacting targeted populations. To this end, the project proposed LLU- Rialto Center for Resiliency will focus on:

**1. Adverse Environmental Factors Impacting Community Residents** – as people living in a community have a reasonable expectation that public air, water and soil environments are to be kept pure and unspoiled. The Environmental Sustainability plan supported within the Center will address health issues resulting from increased atmospheric carbon dioxide and other heat trapping gasses released by human activity, coastal flooding (storm surges), the reduction of greenhouse gas (GHG) emissions as required by SB through integrated transportation efforts, and other environmental issues and pollutants of air and land.

**2. Green Solutions, Local Development and Preservation** - as most cities are creating carbon footprints that are much larger than their own boundaries that will impact surrounding ecosystems and both current and future generations of residents. As scientific evidence supports the adoption of Green Building and Development practices, the adoption of universal and beneficial standards among cities that advances focused growth, sustainable practices, and innovative programs. Therein the Center will support ideas and strategies that leverage support for local mixed-use green development, land use, walk-able communities, open space, and other efforts that will reduce the carbon footprint of participating cities and protect sensitive habitat (from contamination and selfish exploitation) and preserve natural resource; and

**3. Preparing School-aged Children, Parents and the City of Rialto in being Resilient-** The Center will also target school-aged children, parents, and the City of Rialto in being equipped to address emergencies, natural disasters, economic crisis/downturns, difficult decision making, and the unexpected. For example behaviors, disease, and death are all health disparities that serve as indicators in measuring the health of city. However, the model proposes resiliency and its focus on health inequities to serve as the new measure. Efforts will be directed towards public health issues impacting school-aged children that are determined as being healthy or residing in a healthy community based on behaviors, disease, and death. By addressing health inequities vs. health disparities among children the Center can begin to garner needed support by promoting preventative platforms.

**Reporting and Research** Participation in the annual two-day training workshop tentatively held at EPA headquarters in Washington, D.C.

**A concise description of how the organization and its partner(s) will work together during the year to address the local issue(s).**

Project Partners	Role/Project Partner	Agency Type/Expertise	Vested Interest/ Activities
<b>The City of Rialto</b>	Co- Facilitate Trainings Community Engagement	Local Government/Leadership	- Planning; Host Forums - Facilitate Capacity Building
<b>M.H.M. &amp; Associates</b>	Project Sustainability Impact Assessment/Reports	Corporation/Sustainability	- Impact Assessment; Capacity Building; Reporting and Research
<b>NRDC-LG</b>	Community Engagement Research	Coalition/Industry Specialists- Environmental Sustainability	- Outreach and Education; Capacity Building; Resiliency Training
<b>LLU Center for Community Resiliency</b>	Create Community Resiliency Center; Training	Non-Profit/Industry Specialist- Resiliency	- Resiliency Training
<b>Veolia Environmental Services</b>	Community Engagement Sustainability	Industry Specialists	- Promote and Educate at Forums - Provide information for Center
<b>SCAG</b>	Sustainability	Industry Specialists	- Site background, - Technical Assistance - Identification of Issues
<b>West Valley Water District</b>	Research	Water Purveyors	- Site background, - Technical Assistance - Identification of Issues

In addition, a project timeline highlights the program's designed plan and efforts for Year One.

**Timeline of Key Activities, Milestones, and Responsible Staff: Year One**

**Target Start Date: 3/1/2015**

Key Activities	Benchmark Milestone	Responsible Party	Completion Date
First Six Months			
Planning Contract PI Train NRDC-LG Volunteers Assessment methods (as needed); Test data management system.	Complete Implementation Plan approved by PI and Partners	PI and Project Partners	May 31, 2015
Kick-off meeting with all partnering organizations; Review training; Select tracking tools	Kick-off meeting held with 100% of all partners and PI	PI and Project Partners	May 31, 2015
Develop/order program materials; Outreach; Disseminate program materials regarding forums; conduct small group sessions; Engage community using effective recruitment at existing community events; solidify City's Center for Resiliency.	<ul style="list-style-type: none"> <li>- Select sessions have been held</li> <li>- Handouts viewed</li> <li>- Progress verifiable/measurable</li> <li>- 45% of targeted objectives are verifiable</li> <li>- Adjustment plan in place.</li> </ul>	PI and Project Partners	Sept 31, 2015
Train volunteers and partners in data collection/issuing surveys.	Hold training workshop.	PI and Project Partners	Sept 31, 2015
Engage community Residents	<ul style="list-style-type: none"> <li>- Select sessions have been held</li> <li>- Handouts viewed</li> <li>- Progress verifiable/measurable</li> <li>- 45% of targeted objectives are verifiable</li> <li>- Adjustment plan in place.</li> </ul>	PI and Project Partners	Sept 31, 2015
Second Six Months			
Disseminate program materials regarding forums; conduct small group sessions; Engage community using effective recruitment at existing community events; solidify City's Center for Resiliency.	<ul style="list-style-type: none"> <li>- Select sessions have been held</li> <li>- Handouts viewed</li> <li>- Progress verifiable/measurable</li> <li>- 100 % of targeted objectives are verifiable</li> <li>- Adjustment plan in place.</li> </ul>	PI and Project Partners	March 31, 2016
Utilize trained volunteers and partners in data collection/issuing surveys.	Hold training workshop.	PI and Project Partners	March 31, 2016
Data analysis and performance assessment. Reporting: quarterly, mid-term, and annually.	Report offers summary of findings, performance assessment, and suggestions for improvement.	PI and Project Partners	March 31, 2016

**Sustainability Plan** - TCU will work with a Resource and Development partner that is a leading member of the NRDC-LG - M.H.M. & Associates (MHM) in providing sustainability research and funding development. MHM has worked with TCU for several years in this capacity and has fifteen years of experience in funding development. The Projects sustainability plan builds additional resources through June 2018 to continue with program efforts. In order to do this, MHM will conduct a sustainability study to generate a budget for the years 2015-2018 and will conduct fund development efforts during the initial year that will include both applying for other sources of funding and in developing increased in-kind donations from community organizations. MHM anticipates developing at least \$60,000 in cash or grants to support project efforts over the proposed time period. In addition, TCU anticipates support valued at \$40,000 to reflecting-kind contributions. As additional funding is secured, TCU will implement the following infrastructure to sustain program efforts: (1) engage a community liaison to sustain community involvement; (2) engage an industry expert to continue with project findings and supportive services and education; and (3) provide support to project partners to sustain their

program services. This plan is sufficient for sustaining project partners and efforts for an additional three (3) years.

**E. ORGANIZATIONAL CAPACITY AND PROGRAMMATIC CAPABILITY** The **organizational and administrative systems (e.g., accounting programs) the organization has in place that will be used to appropriately manage, expend, and account for Federal funds;** TCU follows GGAP for ensured fiscal accountability of all its fiscal transactions. Universally accepted QuickBooks is used to classify or organize all projects according to specified classifications with noted allowable expenditures. Further, TCU's fiscal bookkeeping is managed by a Certificated Fiscal Analyst with over 14 years experience working with federal and state grants. **How the applicant has successfully managed these projects in the past.** TCU has proven capability and experience with projects and populations of similar size and scope as being proposed herewith. TCU has provided educational and supportive services to assist residents transition into programs, enroll in school or post-secondary education, and adopt needed health behaviors. To successfully manage projects in the past, TCU has engaged MHM & Associates to utilize their 20 plus years in providing project management for federal and state projects, in serving TCU. To this end, both TCU and MHM have managed multiple federal and state projects together. More specifically, TCU has successfully managed DOE, OJJDP, and SAMHSA grants. In 2012, MHM was selected by SAMSHA to showcase their management, evaluation and sustainability efforts at the Department's JAAMATE conference **How the applicant plans to effectively manage and successfully complete this proposed project;** Project Management - will be carried out by the PI and MHM & Associates and will focus on: **1) Data Management** Data will be managed on spreadsheets and relational databases and through TCU's online data tracking tool (accessible to the PI from anywhere). Data management will allow the project to maintain records and effective tracking of residents served and educated; **2) Program Progress-** Quarterly, TCU and MHM will serve in compiling and analyzing program progress in order to ascertain the impact of program services and the quality of program services. MHM will analyze data through assessment of 'core indicators' and 'process indicators' related to proposed outcome measures to provide timely feedback that warrants necessary program adjustments that promote continuous quality improvement; and **3) Reporting and Project Adjustments and Sustainability** - Data analysis will provide timely information for strategic input and analytical services, allowing TCU to make timely adjustments to program services in order maintain program efficacy and success. MHM will assess the most pressing areas of need within the program and those areas with the most "promise of success." A "promise of success" project component will be compiled and a bi-annual and year-end report. Efforts to sustain program services are as identified below. **Organization experience towards successfully achieving the goals of the proposed project** - TCU has over 14 years experience in obtaining, managing, and projects of similar and grander scopes. TCU's PI has 20 years of experience. Past Performance with EPA – Not applicable. TCU does have past experience with managing federal funds.

**F. QUALIFICATIONS OF THE PRINCIPAL INVESTIGATOR OR PROJECT MANAGER (PM)** – Mr. Leonard Robinson who has a Bachelor of Science Chemical Engineering degree from the University of Southern California will serve as the Lead Principal Investigator for this project. His qualifications as it relates to this project includes his services as the Director, Sustainability Practice for Strategic Counsel PLC- wherein Mr. Robinson provided environmental consulting service for governmental; non-governmental clients in the Green

Economy areas that include: Climate Change; Cap & Trade; Green Chemistry; Pollution Prevention; Recycling; Waste Management; Resource Recovery; and Brownfields. Mr. Robinson has also served as an expert witness in court/litigation cases involving environmental issues and has provided governmental relations services for the past four years related to environmental sustainability. Previously, Mr. Robinson served as the *Acting Director for California Environmental Protection Agency – Department of Toxic Substances Control in Sacramento, CA (Gubernatorial Appointee) wherein he served in leading 1000+ person staff and overseeing a \$200 million annual budget to provide the highest level of safety and protect public health and the environment in California. Mr. Robinson also served in overseeing the transition of departments from Schwarzenegger to Brown administrations.* Mr. Robinson's ties with the City of Rialto come from his past services as a Consultant to the City of Rialto's Mayor – Honorable Deborah Robinson and his service on the NRDC-LG. **Past community activities-** Mr. Robinson has served as the *Board Member* for the Green Technology and Environmental Education and has served as the *Advisor and Guest Lecturer* for the CSUS Leadership for the Government Executive Program. In addition, Mr. Robinson serves as a member of the NRDC-LG Executive Board.

#### **G. PAST PERFORMANCE IN REPORTING ON OUTPUTS AND OUTCOMES**

Please include the grant or cooperative agreement number, title of the project, the amount of funding, funding agency or organization, and point-of-contact; TCU has not directly reported on federal grants it has been awarded in the last five (5) years. A description of how you have documented and/or reported on progress towards achieving the expected outputs and outcomes under prior and/or current assistance agreements; **TCU's history and support from documenting and reporting on pas projects has been governed by its Evaluation Team (EvalTeam).** TCU's EvalTeam has provided Data Collection, Management, Analysis and Reports to SAMHSA, DOE and OJJDP. Reporting's show results of the EvalTeam using quantitative and qualitative methods to collect and log data. Reports include data conveying the percentage of targeted population participating, impact of program services, and post program services project measures. Standard reports show demographic data that allows for disparate outcomes based on identified factors. Various assessment tools used are identified in reports with proven capacity for assessing recommended performance measures. Self-assessment surveys and monthly meetings are used to assist with the reporting. Information related to process and outcomes will be routinely communicated to **project** partners and **community stakeholders** through quarterly, mid-term, and annual reports. These reports will include summaries of the findings from data analysis and performance assessment, highlights of successes and challenges, and specific suggestions from the EvalTeam for program improvement. Additionally, there will be scheduled meetings between key staff and partnering professionals in order to provide ongoing communication and an avenue for continuous quality improvement (on a more frequent basis than through the reporting schedule). Performance assessments are included in reports and will provide feedback on the entire program infrastructure and process as it relates to targeted measurable outcomes. Outcome Questions will be answered using qualitative and quantitative. Data will be analyzed to assess project objectives and the impact of program activities. Process Questions will and can be used to ascertain level of learning among area residents. **H. QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION** TCU believes that its project will involve the use of existing environmental data. TCU will provide a QAPP upon request.